



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 10601245
SAU: Freeport School Department
School: Freeport Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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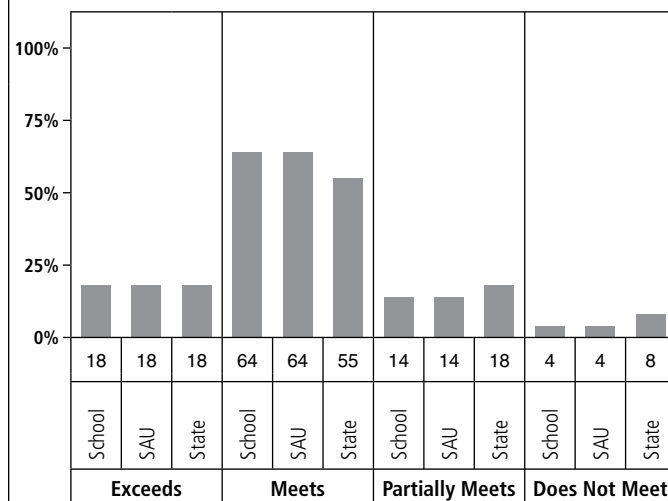
SUMMARY OF SCORES

Test Date: March 2008
Grade: 7
SAU: Freeport School Department
School: Freeport Middle School

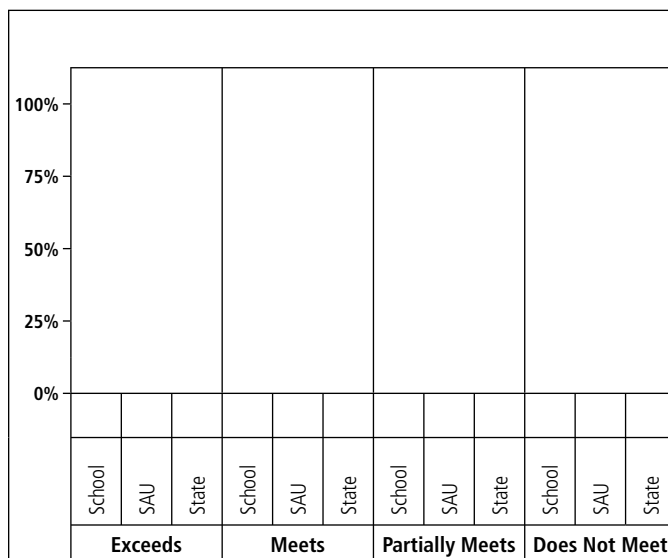
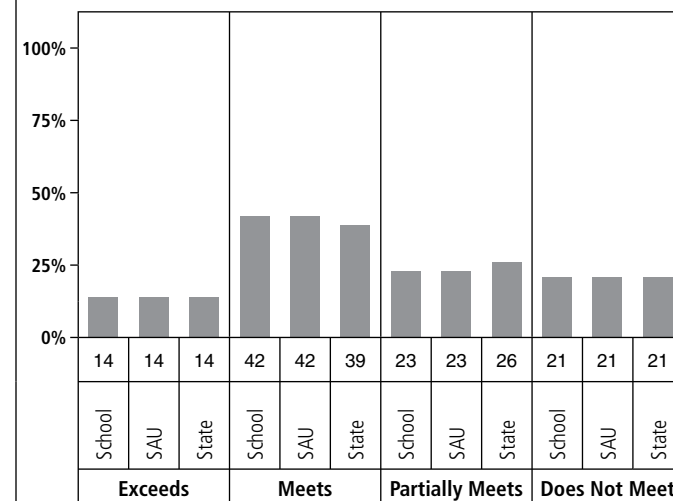
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	750	750	745
2006–2007	749	749	748
2007–2008	752	752	750
Cum. Avg. *	750	750	748
Mathematics			
2005–2006	744	744	740
2006–2007	744	744	742
2007–2008	744	744	743
Cum. Avg. *	744	744	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 7
 SAU: Freeport School Department
 School: Freeport Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	78	100	78	100	14818	100	78	100	78	100	14698	99	78	100	78	100	14694	99						
Ethnicity African American/Black	1	1	1	1	381	3	1	100	1	100	372	98	1	100	1	100	375	99						
American Indian or Native Alaskan	0	0	0	0	113	1	0	0	0	0	112	99	0	0	0	0	112	99						
Asian or Pacific Islander	2	3	2	3	219	1	2	100	2	100	213	97	2	100	2	100	217	99						
Hispanic	0	0	0	0	178	1	0	0	0	0	176	99	0	0	0	0	177	100						
Caucasian/White	75	96	75	96	13927	94	75	100	75	100	13825	99	75	100	75	100	13813	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	12	15	12	15	2556	17	12	100	12	100	2508	99	12	100	12	100	2497	98						
Current LEP	1	1	1	1	363	2	1	100	1	100	352	97	1	100	1	100	360	99						
Economically disadvantaged	17	22	17	22	5461	37	17	100	17	100	5408	99	17	100	17	100	5406	99						
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	71	91	71	91	12195	82	71	91	71	91	12215	82						
Identified disability (PET/IEP)	5	7	5	7	418	3	5	7	5	7	421	3						
LEP	1	1	1	1	183	2	1	1	1	1	183	1						
504 plan	3	4	3	4	181	1	3	4	3	4	182	1						
Participation with accommodations	6	8	6	8	2320	16	6	8	6	8	2303	16						
Identified disability (PET/IEP)	6	100	6	100	1912	82	6	100	6	100	1900	83						
LEP	0	0	0	0	159	7	0	0	0	0	173	8						
504 plan	0	0	0	0	56	2	0	0	0	0	55	2						
Other	0	0	0	0	244	11	0	0	0	0	226	10						
Participation through alternate assessment (PAAP)	1	1	1	1	178	1	1	1	1	1	176	1						
Identified disability (PET/IEP)	1	100	1	100	178	100	1	100	1	100	176	100						
LEP	0	0	0	0	5	3	0	0	0	0	4	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0												
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0						
Non-participation – other	0	0	0	0	93	1	0	0	0	0	96	1						

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 7
SAU: Freeport School Department
School: Freeport Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	19	20	19	20	1769	11
	2006-2007	16	19	16	19	2630	18
	2007-2008	14	18	14	18	2604	18
	Cum. Total*	49	19	49	19	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	49	53	49	53	7521	49
	2006-2007	44	52	44	52	7605	51
	2007-2008	49	64	49	64	8049	55
	Cum. Total*	142	56	142	56	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	17	18	17	18	3773	24
	2006-2007	18	21	18	21	3000	20
	2007-2008	11	14	11	14	2672	18
	Cum. Total*	46	18	46	18	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	8	9	8	9	2399	16
	2006-2007	7	8	7	8	1620	11
	2007-2008	3	4	3	4	1190	8
	Cum. Total*	18	7	18	7	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	37.0	66.1	37.0	66.1	35.3	63.0
Literary Text	28	50	18.1	64.6	18.1	64.6	17.3	61.8
Informational Text	28	50	18.9	67.5	18.9	67.5	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Freeport School Department
 School: Freeport Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	77	14	18	49	64	11	14	3	4	752	77	18	64	14	4	752	14515	18	55	18	8	750
Ethnicity																						
African American/Black	1										1						365	10	49	19	22	742
American Indian or Native Alaskan	0										0						110	6	52	24	18	744
Asian or Pacific Islander	2										2						211	26	47	20	6	752
Hispanic	0										0						173	12	54	18	15	746
Caucasian/White	74	13	18	48	65	10	14	3	4	752	74	18	65	14	4	752	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	11	0	0	6	55	2	18	3	27	738	11	0	55	18	27	738	2330	2	30	36	32	735
No	66	14	21	43	65	9	14	0	0	754	66	21	65	14	0	754	12185	21	60	15	4	753
Current LEP																						
Yes	1										1						342	8	46	22	24	741
No	76	14	18	49	64	10	13	3	4	752	76	18	64	13	4	752	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	17	1	6	9	53	5	29	2	12	745	17	6	53	29	12	745	5299	9	51	26	14	745
No	60	13	22	40	67	6	10	1	2	754	60	22	67	10	2	754	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	77	14	18	49	64	11	14	3	4	752	77	18	64	14	4	752	14514	18	55	18	8	750
Gender																						
Female	37	10	27	20	54	6	16	1	3	754	37	27	54	16	3	754	7084	24	55	15	6	752
Male	40	4	10	29	73	5	13	2	5	750	40	10	73	13	5	750	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	6	47	34	12	743
No	77	14	18	49	64	11	14	3	4	752	77	18	64	14	4	752	13569	19	56	17	8	750
Gifted/talented program																						
Yes	0										0						574	61	38	1	0	765
No	77	14	18	49	64	11	14	3	4	752	77	18	64	14	4	752	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 7
 SAU: Freeport School Department
 School: Freeport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	1	33	1	33	0	0	1	33	749	4	33	33	0	33	749	6	9	42	24	25	741
B. less than one hour	37	3	11	19	68	4	14	2	7	749	37	11	68	14	7	749	50	17	56	19	8	750
C. one to two hours	53	10	25	24	60	6	15	0	0	756	53	25	60	15	0	756	40	20	58	16	6	752
D. more than two hours	7	0	0	4	80	1	20	0	0	742	7	0	80	20	0	742	4	19	49	21	11	749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	22	5	29	11	65	1	6	0	0	758	22	29	65	6	0	758	36	24	58	14	5	753
B. They match some of what I have learned.	63	8	17	28	58	9	19	3	6	751	63	17	58	19	6	751	50	16	58	19	8	749
C. They match just a little of what I have learned.	11	0	0	8	100	0	0	0	0	749	11	0	100	0	0	749	11	13	45	26	16	745
D. There is no match.	4	1	33	1	33	1	33	0	0	751	4	33	33	33	0	751	3	4	35	29	31	737
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	22	6	35	10	59	1	6	0	0	758	22	35	59	6	0	758	28	35	52	9	5	756
B. good	53	6	15	28	70	4	10	2	5	753	53	15	70	10	5	753	52	15	60	18	7	750
C. fair	21	2	13	8	50	6	38	0	0	748	21	13	50	38	0	748	18	3	49	33	15	742
D. poor	4	0	0	2	67	0	0	1	33	736	4	0	67	0	33	736	2	2	41	28	29	738
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	11	1	13	4	50	1	13	2	25	745	11	13	50	13	25	745	16	13	48	23	16	745
B. about the same as my regular schoolwork	70	8	15	37	70	8	15	0	0	753	70	15	70	15	0	753	65	18	57	18	7	750
C. easier than my regular schoolwork	20	5	33	7	47	2	13	1	7	753	20	33	47	13	7	753	19	21	57	16	6	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	11	0	0	4	50	1	13	3	38	738	11	0	50	13	38	738	9	5	38	29	28	738
B. Most of the passages were about the same as what I normally read.	45	3	9	23	68	8	24	0	0	750	45	9	68	24	0	750	55	14	57	22	7	748
C. Most of the passages were easier than what I normally read.	44	11	33	20	61	2	6	0	0	758	44	33	61	6	0	758	36	28	58	10	4	755
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	35	4	15	17	65	4	15	1	4	751	35	15	65	15	4	751	44	18	56	18	8	750
B. I tried about the same as I do on my regular schoolwork.	59	8	18	28	64	6	14	2	5	752	59	18	64	14	5	752	51	19	56	17	7	751
C. I did not try as hard on this test as I do on my regular schoolwork.	5	1	25	3	75	0	0	0	0	757	5	25	75	0	0	757	5	9	46	26	19	743
How much time do you spend reading at home each day?																						
A. more than one hour	17	2	15	8	62	2	15	1	8	750	17	15	62	15	8	750	17	25	57	13	6	753
B. 20 minutes to an hour	36	8	30	13	48	6	22	0	0	755	36	30	48	22	0	755	45	22	56	16	6	752
C. less than 20 minutes	18	2	14	11	79	1	7	0	0	756	18	14	79	7	0	756	13	14	56	21	9	748
D. I rarely read at home.	29	2	9	16	73	2	9	2	9	748	29	9	73	9	9	748	24	8	53	26	13	745
Optional school/SAU question																						
A.	50	0	0	0	0	0	0	1	100	716	50	0	0	0	100	716						
B.	0										0											
C.	0										0											
D.	50	0	0	1	100	0	0	0	0	750	50	0	100	0	0	750						

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: Freeport School Department
School: Freeport Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	18	19	18	19	1646	11
	2006-2007	14	16	14	16	2142	14
	2007-2008	11	14	11	14	2028	14
	Cum. Total*	43	17	43	17	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	32	34	32	34	5497	36
	2006-2007	38	45	38	45	5642	38
	2007-2008	32	42	32	42	5703	39
	Cum. Total*	102	40	102	40	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	21	23	21	23	4514	29
	2006-2007	18	21	18	21	4077	27
	2007-2008	18	23	18	23	3733	26
	Cum. Total*	57	22	57	22	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	22	24	22	24	3797	25
	2006-2007	15	18	15	18	3001	20
	2007-2008	16	21	16	21	3054	21
	Cum. Total*	53	21	53	21	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	9.3	58.1	9.3	58.1	8.8	55.0
Cluster 2: Shape and Size	14	25	5.3	37.9	5.3	37.9	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	3.7	46.3	3.7	46.3	3.5	43.8
Cluster 4: Patterns	18	32	8.1	45.0	8.1	45.0	7.9	43.9

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Freeport School Department
 School: Freeport Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	77	11	14	32	42	18	23	16	21	744	77	14	42	23	21	744	14518	14	39	26	21	743
Ethnicity																						
African American/Black	1										1						372	5	24	25	45	731
American Indian or Native Alaskan	0										0						110	5	30	36	29	736
Asian or Pacific Islander	2										2						216	25	34	23	18	748
Hispanic	0										0						175	9	32	30	29	737
Caucasian/White	74	9	12	32	43	18	24	15	20	743	74	12	43	24	20	743	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	11	0	0	1	9	0	0	10	91	714	11	0	9	0	91	714	2321	2	16	26	55	727
No	66	11	17	31	47	18	27	6	9	748	66	17	47	27	9	748	12197	16	44	26	15	746
Current LEP																						
Yes	1										1						356	7	23	24	45	731
No	76	10	13	32	42	18	24	16	21	743	76	13	42	24	21	743	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	17	2	12	4	24	6	35	5	29	735	17	12	24	35	29	735	5301	5	31	31	33	736
No	60	9	15	28	47	12	20	11	18	746	60	15	47	20	18	746	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	77	11	14	32	42	18	23	16	21	744	77	14	42	23	21	744	14517	14	39	26	21	743
Gender																						
Female	37	7	19	11	30	8	22	11	30	742	37	19	30	22	30	742	7086	14	40	26	20	743
Male	40	4	10	21	53	10	25	5	13	745	40	10	53	25	13	745	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	4	23	36	37	733
No	77	11	14	32	42	18	23	16	21	744	77	14	42	23	21	744	13572	15	40	25	20	743
Gifted/talented program																						
Yes	0										0						575	64	31	3	1	765
No	77	11	14	32	42	18	23	16	21	744	77	14	42	23	21	744	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 7
 SAU: Freeport School Department
 School: Freeport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	1	33	0	0	1	33	1	33	733	4	33	0	33	33	733	6	7	29	26	37	734
B. less than one hour	37	3	11	11	39	7	25	7	25	739	37	11	39	25	25	739	50	13	39	26	22	742
C. one to two hours	53	7	18	18	45	7	18	8	20	747	53	18	45	18	20	747	40	15	42	26	17	744
D. more than two hours	7	0	0	3	60	2	40	0	0	747	7	0	60	40	0	747	4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	28	5	24	9	43	4	19	3	14	751	28	24	43	19	14	751	32	21	40	23	16	747
B. They match some of what I have learned.	57	6	14	20	47	11	26	6	14	746	57	14	47	26	14	746	50	12	42	27	19	743
C. They match just a little of what I have learned.	14	0	0	3	27	2	18	6	55	726	14	0	27	18	55	726	15	7	32	31	30	737
D. There is no match.	1	0	0	0	0	0	0	1	100	700	1	0	0	0	100	700	3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	28	8	38	10	48	3	14	0	0	759	28	38	48	14	0	759	25	34	42	13	11	753
B. good	41	3	10	18	58	4	13	6	19	743	41	10	58	13	19	743	47	10	45	27	18	743
C. fair	22	0	0	3	18	7	41	7	41	732	22	0	18	41	41	732	23	3	30	36	32	735
D. poor	9	0	0	1	14	3	43	3	43	729	9	0	14	43	43	729	5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	33	1	4	11	44	5	20	8	32	739	33	4	44	20	32	739	36	6	38	29	27	738
B. about the same as my regular schoolwork	47	4	11	13	37	11	31	7	20	740	47	11	37	31	20	740	53	13	42	27	18	744
C. easier than my regular schoolwork	20	6	40	7	47	1	7	1	7	758	20	40	47	7	7	758	11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	36	2	7	16	59	4	15	5	19	745	36	7	59	15	19	745	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	59	9	20	13	30	13	30	9	20	744	59	20	30	30	20	744	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	2	50	0	0	2	50	731	5	0	50	0	50	731	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	1	0	0	0	0	0	0	1	100	700	1	0	0	0	100	700	9	15	37	25	23	742
B. two or three days a week	0										0						20	13	41	26	20	743
C. two or three times each month	30	3	13	9	39	7	30	4	17	742	30	13	39	30	17	742	30	15	40	27	18	744
D. never or almost never	68	8	15	23	44	10	19	11	21	745	68	15	44	19	21	745	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	1	0	0	0	0	0	0	1	100	720	1	0	0	0	100	720	20	17	39	23	22	744
B. two or three days a week	4	0	0	2	67	0	0	1	33	739	4	0	67	0	33	739	29	16	40	25	19	744
C. two or three times a month	28	9	43	6	29	5	24	1	5	752	28	43	29	24	5	752	26	13	40	28	20	743
D. never or almost never	67	2	4	24	47	12	24	13	25	741	67	4	47	24	25	741	24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	8	1	17	3	50	0	0	2	33	741	8	17	50	0	33	741	8	7	32	26	35	736
B. 30–45 minutes	17	3	23	5	38	2	15	3	23	748	17	23	38	15	23	748	41	12	38	27	23	741
C. 45–60 minutes	39	4	13	15	50	7	23	4	13	745	39	13	50	23	13	745	41	17	42	24	16	745
D. more than 60 minutes	36	3	11	9	33	8	30	7	26	741	36	11	33	30	26	741	10	15	38	25	22	743
Optional school/SAU question																						
A.	50	0	0	0	0	0	0	1	100	700	50	0	0	0	100	700						
B.	0										0											
C.	0										0											
D.	50	0	0	1	100	0	0	0	0	760	50	0	100	0	0	760						